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TI - FLOOR SUCTION TOOL
IN - MITSUEDA HIROBUMI
PA - SANYO ELECTRIC CO
IC - A47L9/04 ; A47L9/28

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AB - PURPOSE: To minimize dimensional error, and transmit the movement of a contact body to surely drive a rotary brush by directly operating the part to be operated of a switch by a control part integrally formed on the contact body.
- CONSTITUTION: When a suction tool body is moved forward at cleaning, a contact body 13 is oscillated backward to the suction tool body, and the part to be operated of a switch 11 fitted to a U-shaped groove is operated forward to the suction tool body, an electric motor is rotated in positive direction to rotate a rotary brush 6 in X-direction. When the suction tool body is moved backward, the contact body 13 is oscillated forward to the suction tool body, the part 12 to be operated of the switch 11 fitted to the U-shaped groove is operated backward to the suction tool body, and the electric motor is rotated in the reversed direction to rotate the rotary brush 6 in Y-direction. In the state where the suction tool body is brought up, the contact body 13 is held in neutral position by the elasticity of a spring 19 arranged on the holding part 17 of the contact body 13, and the electric motor is stopped to stop the rotation of the rotary brush 6.
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